	United States Environmental Protection Agency Washington, DC 20460			Work Assignment Number				
EPA				1-33				
	Work A	Work Assignment			Other	Amendn	nent Number:	
Contract Number Contract Period 11/19/2009 To 11/18/2014				2014	Title of Work Assignment/SF Site Name			
EP-W-10-002	Base	Option Period Nu	mber 1  fy Section and pa		R1 Stormwater Eval			
Contractor INDUSTRIAL ECONOMICS, II	NCORPORATED				B, Sec 1/Para 1			
Purpose: X Work Assignment		Work Assignment			Period of Performance			
Work Assignment Am	nendment	Incremental Fundi						
Work Plan Approval	_	-			From 09/01/2011 To 11/18/2011			
Comments:					<u> </u>			
The purpose of this action is estimate in accordance with t		signment 1-33	. The Cont	tractor sh	all provide a	work plan and	l cost	
	Acc	ounting and Appro	onriations Data	a .		V	N 0	
Superfund	Note: To report additional ac		-		2 604	Х	Non-Superfund	
SFO (Max 2)	Note: 10 report additional ac	scounding and approp	nations date use i	EFA FOIII 1900	0-09A.			
0.0000000000000000000000000000000000000							0.40.40.4	
<b>2</b> . 10 1990 00000000000 0 0000000	priation Budget Org/Code (Max 6) (Max 7)	Program Element (Max 9)	Object Class (Max 4)	Amount (Do	ollars) (Cents)	Site/Project (Max 8)	Cost Org/Code (Max 7)	
1					<u> </u>			
2								
3								
5					· · · · · ·			
<u> </u>	Aut	horized Work Ass	ignment Ceilin	ng				
	Cost/Fee:			LOE:	0			
11/19/2009 To 11/18/2014								
This Action:					230			
Total:					230		-	
Total.	Wo	rk Plan / Cost Es	timate Approva	als				
Contractor WP Dated:	Cost/Fee:			LQE:				
Cumulative Approved:	Cost/Fee:			LOE:				
Work Assignment Manager Name Carl	Koch			Bran	Branch/Mail Code:			
				Pho	Phone Number 202-566-2972			
All and all Properties All			31.00 10.10	FAX Number:				
<u> </u>				Branch/Mail Code:				
					Phone Number: 202-566-0951			
					FAX Number:  Branch/Mail Code:			
				-	Phone Number:			
(Signature)		(Dat	9)		FAX Number:			
					Branch/Mail Code:			
				Pho	Phone Number: 202-564-4781			
				— I –	4.00			

### **Work Assignment Statement of Work**

**Title:** Effective Approaches to Establishing Municipal Stormwater Funding Mechanisms (Region 1)

Contractor: IEc, Inc. Contract No.: EP-W-10-002

**Work Assignment Number: 1-33** 

Phase 1:

**Estimated Period of Performance:** Date of issuance to November 18, 2011

**Estimated Level of Effort:** 230 hours

Phase 2:

**Estimated Period of Performance:** November 19, 2011 to November 18, 2012

**Estimated Level of Effort:** 485 hours

**Key EPA Personnel:** 

Work Assignment COR (WA COR): Carl Koch

Office of Policy

U.S. EPA

1200 Pennsylvania Av., N.W. Washington, D.C. 20460 202-566-2972 (phone) (202) 566-2200 (FAX) Mail Code: 1807-T

E-mail: Koch.carl@epa.gov

**Contract Level COR:** Cathy Turner

CMG/OP (1805T) 202/566-0951 202/566-3001 (fax)

### **BACKGROUND AND PURPOSE:**

Located within the Office of Policy (OP)'s Office of Strategic Environmental Management is the Evaluation Support Division (ESD). ESD's mission is to build the capacity of EPA staff and managers to conduct program evaluation activities throughout the Agency by providing technical support and training on program evaluation for EPA's national programs and regional offices. A crucial component in assessing the benefit of meeting goals, objectives, and sub-objectives is having measurable results.

As part of its effort to encourage the effective use of program evaluations throughout the Agency, ESD promotes program evaluation through a Program Evaluation Competition (PEC or Competition). This Competition is part of an ongoing, long-term effort to help build the capacity of headquarters and regional offices to evaluate activities and to improve measures of program performance. This program evaluation project was chosen for support under the current Program

Evaluation Competition sponsored by OP.

There are major challenges faced by small municipal separate storm sewer systems (MS4) in forging consensus and managing complicated negotiations associated with the development of funding mechanisms for stormwater utilities. Many MS4 municipalities do not have the expertise to design or run such processes, and EPA lacks objective information about what are (and are not) effective strategies for forging consensus in the development of these funding mechanisms.

EPA Region 1, with the Office of Water's full support, is proposing an objective evaluation that focuses on the processes that communities have undertaken to involve members of the public and other stakeholders in reaching agreement on funding mechanisms for stormwater utilities. A rigorous evaluation will (1) document issues and challenges faced by municipalities and communities around the country, (2) identify approaches where resolutions were reached, and (3) offer guidance that other communities may need to consider as they grapple with decisions on whether or not to adopt a funding mechanism.

Evaluation questions include: What were the key issues raised by stakeholders? How were discussions set up? What kinds of groups favored or opposed the effort? How did they respond? How did the community identify a common set of interests? What processes were used to inform communities as they engaged in their discussion?

While the evaluation will help EPA Region 1 identify the factors that are proving the most critical to the development of stormwater funding mechanisms, the evaluation results will inform national efforts to identify "best practices" that lead to effective stormwater programs.

### Quality Assurance (QA) Requirements

Check [] Yes or [X] NO, if the following statement is true or false. The Contractor shall submit a written Quality Assurance Project Plan for any project that is developing environmental measurements or a Quality Assurance Supplement to the Quality Management Plan for any project which generates environmental data using models with their technical proposal.

### **Qualification Criteria for Personnel**

The team assigned to this work assignment collectively must have expertise in the following areas:

- a. EPA OW program activities—specifically, the stormwater permit program, NPDES permits to municipalities, municipal separate storm sewer systems (MS4s), and stormwater utility funding mechanisms
- b. Evaluation of EPA programs
- c. Engagement of affected communities in EPA program work, ideally OSWER program implementation
- d. Engagement of affected communities in EPA's decision making processes
- e. Engagement of economically disadvantaged communities
- f. Processes that allow for meaningful input
- g. Formative evaluation

h. Development of lessons and best practices

### TASKS AND DELIVERABLES:

The work assignment (WA) Contracting Officer Representative (COR) will review all deliverables in draft form and provide revisions and/or comments to the contractor. The contractor shall prepare the final deliverables incorporating the WA COR's comments.

Contractor personnel shall at all times identify themselves as Contractor employees and shall not present themselves as EPA employees. Furthermore, they shall not represent the views of the U.S. Government, EPA, or its employees. In addition, the Contractor shall not engage in inherently governmental activities, including but not limited to actual determination of EPA policy and preparation of documents on EPA letterhead.

### PHASE 1: INCLUDES TASK 1 AND TASK 2

### TASK 1: PREPARE WORKPLAN

The contractor shall prepare a workplan that addresses Phase 1 and 2 within 15 calendar days of receipt of a work assignment signed by the Contracting Officer (CO). The workplan shall outline, describe and include the technical approach, resources, timeline and due dates for deliverables, and a detailed cost estimate by task and a staffing plan. The WA COR and the Contract Level COR and the CO will review the workplan. However, only the CO can approve/disapprove the workplan. The contractor shall prepare a revised workplan incorporating the Contracting Officer's comments, if required.

### **Deliverables and Schedule Under Task 1**

1a. Workplan
 1b. Revised workplan
 Within 15 calendar days of receipt of work assignment.
 Within 5 calendar days of receipt of comments from the CO, if required.

# NOTE REGARDING WORK ASSIGNMENT DELIVERABLES AND TECHNICAL DIRECTION:

The Work Assignment Contracting Officer's Representative (COR) is authorized to issue technical direction (TD) under this work assignment. The COR will follow-up all oral technical direction in writing within 5 days.

## TASK 2: DOCUMENT REVIEW AND DESIGN METHODOLOGY

[Contract Scope of Work Element III, Section 1, para(s) 1, page(s) (10 -11)]

2-1 PARTICIPATE IN A CONFERENCE CALL. The contractor shall participate in a conference call with the WA COR and other Agency staff to clarify the purpose of the evaluation effort and to exchange ideas about the design of the assessment, the

information to be collected, potential sources of information, appropriate ways to analyze and present the information, and other pertinent matters. The COR will contact the contractor and provide a time and date for the conference call. Within 3 calendar days, the contractor shall deliver a basic summary of the discussion and decisions reached during the call. For the purposes of costing the contractor shall assume two one-hour conference calls.

- 2-2 REVIEW DOCUMENTS. The WA COR will provide the contractor with relevant links and essential documents to become familiar with the history, goals, and status of each program activity to be evaluated. In addition, the contractor shall conduct a literature review to determine if any existing evaluations, studies or analysis of the program have been conducted. The contractor is expected to seek out other documents for review, including those from government and non-government sources, to become familiar with all aspects of the program that are relevant to this evaluation effort. The contractor shall complete a review of these documents seven (7) calendar days after receiving them. The contractor shall also prepare and submit to the WA COR a bibliography and summary of the findings from the document and literature review. The contractor shall revise and update the bibliography periodically as additional literature sources are identified and reviewed.
- 2-3 SCOPING TASK. The contractor shall conduct a scoping exercise to better understand and identify the data sources (qualitative and/or quantitative) and data collection methods (surveys, in-person interviews, site visits, data base review or literature review, Internet search, review of progress reports etc.,) that are most appropriate for this evaluation. The contractor shall prepare a brief memo summarizing the results of this effort. The contractor shall deliver the scoping document 7 calendar days after receiving a TD from the WA COR.
- ASSIST IN DEVELOPING A LOGIC MODEL. The development of a logic model is an essential tool in developing a common understanding of a program's inputs, outputs and activities. As an initial step in preparation for the evaluation, EPA began developing a logic model of its program. EPA will share the draft logic model with the contractor. Based on information gathered from the conference calls (Task 2-1) and document review (Task 2-2), the contractor will develop and submit a draft logic model using software (e.g., Microsoft Word, Power Point) that can be manipulated/revised by EPA within 7 calendar days after receipt of the draft logic model from the WA COR. The development of the logic model is an iterative process. The contractor shall finalize the logic model within 7 calendar days after receipt of comments on draft(s) of the logic model from the WA COR.
- 2-5 REFINE EVALUATION QUESTIONS. EPA is providing an initial list of draft evaluation questions for use by the contractor (see below). The EPA evaluation team has identified the following key questions to provide focus to the program evaluation. These questions, while subject to further refinement, will form the basis of the evaluation going forward. The overarching questions would likely remain consistent, but the specific questions and sub-questions would be subject to revision. Using this list, the information gathered in Tasks 2-1 and 2-2, and the logic model developed in Task 2-4, the contractor shall confer with the WA COR and evaluation team members to discuss and refine the

evaluation questions that will be the subject of this evaluation. The contractor shall prepare and submit to the WA COR a revised, comprehensive set of draft evaluations and sub-questions that will be the subject of this evaluation. The contractor shall finalize the draft questions 7 calendar days after receipt of comments from the WA COR via Technical Direction (TD).

### **Draft Evaluation Questions:**

- 1. What factors are historically responsible for successes and failures of MS4s to establish dedicated stormwater program funding mechanisms?
- 2. What factors are considered critical to the successful creation of stormwater funding mechanisms in Region 1 and other EPA Regions?
- 3. What specific strategies should be selected for transferability to parties planning to create these funding mechanisms in Region 1 (includes consideration of alternative strategies Upper Charles River pilot)?
- 4. What stakeholder processes were used to inform communities as they engaged in their discussion? (How were discussions set up? Who were the critical stakeholders and what were their issues? How did the community identify a common set of interests?)

### 2-8 REPORT OUTLINE.

The contractor shall submit for discussion and agreement an annotated outline describing the purpose, titles, and intended contents of the chapters and sections of the Final Report. The outline shall also describe the planed length and style of the document. The outline shall be used as a reference by the evaluation team throughout the evaluation process. Modifications to the outline shall be discussed among the entire evaluation team.

- 2-7 DESIGN EVALUATION METHODOLOGY. Based on the conference calls (2-1), the document review (Task 2-2), the scoping document (Task 2-3), the final logic model (Task 2-4), and the final evaluation questions (Task 2-5), the contractor shall prepare a draft evaluation methodology, which will address the purpose, audience, and the refined questions that will be the focus of the evaluation. As part of the methodology, the contractor shall document the primary and secondary data sources, collection methods, and collection strategy, appropriate qualitative and quantitative tools for analyzing data, practical issues of data collection, and a clear strategy for data documentation and management needed to answer each evaluation question. The contractor shall also document any survey instruments, survey data, survey questions, and interview/discussion guides and protocols used in support of the evaluation. This methodology shall include an approach for identifying potential interviewees. The draft evaluation methodology shall also include a proposed schedule for each of the following: (1) all information gathering under Task 3-1, including interviews; (2) the compilation, analysis and presentation of information gathered (Task 3-2) and (3) providing a report outline and the draft and final reports (Task 4-1, 4-2 and 4-3). The draft evaluation methodology shall be due 21 calendar days after the receipt of a TD from the WA COR. The final evaluation methodology will be due 7 calendar days after receipt of comments from the WA COR via TD.
- 2-8 EVALUATION ASSURANCE PLAN. The contractor shall prepare an evaluation

assurance plan (EAP) that shall describe the use of primary and or secondary data sources for the evaluation report. Specifically, the EAP will describe: 1) the purpose of the evaluation, 2) the methodology used to collect data for the report, 3) how and where data for the evaluation was collected, 4) why the particular data collection method was chosen, 5) how the data will be used and by whom, 6) how the resulting evaluation report will be used and by whom and, 7) any data limitations or caveats. An example of an EAP will be provided by the COR. The contractor shall submit the EAP to the WA COR one week after the final evaluation methodology is approved. A final EAP will be delivered 3 calendar days after receipt of comments from the WA COR via TD.

### Deliverables and Schedule Under Task 2

2-1a	Participate in conference call	To be specified by the WA COR
2-1b	Conference call summary	3 calendar days after call
2-2	Summary of Document Review	7 calendar days after receipt of documents
2-3	Scoping Memo	7 calendar days after receipt of TD from WA COR
2-4	Finalize Logic Model	7 calendar days after receipt of draft Logic
		Model from WA COR
2-5a	Draft Refined Questions	7 calendar days after final meeting with WA
		COR
2-5b	Final Refined Questions	7 calendar days after receipt of comments
	-	from WA COR via TD
2-6a	Draft Report Outline	7 calendar days after final meeting with WA
	•	COR
2-6b	Final Report Outline	7 calendar days after receipt of comments
	•	from WA COR via TD
2-7a	Draft evaluation methodology	21 calendar days after receipt of TD from
		WA COR
2-7b	Final evaluation methodology	7 calendar days after receipt of comments
	2,7	via TD from WA COR
2-8a	Evaluation Assurance Plan	7 calendar days after COR approves final
		evaluation methodology
2-8b	Evaluation Assurance Plan	3 calendar days after receipt of comments
		via TD from WA COR
		A STATE OF THE PROPERTY AND ADDRESS OF THE PROPERTY OF THE PRO

### PHASE 2: INCLUDES TASKS 3 AND 4

### TASK 3: INFORMATION GATHERING AND ANALYSIS

[Contract Scope of Work Element III, Section 1, para(s) 1, page(s) (10 -11)]

3-1 INFORMATION GATHERING. The information that is needed to conduct this evaluation will come from a variety of sources including the information identified collected in Task 2-3 and included in the final methodology 2-7b. Within 7 calendar days after the WA COR approves the evaluation methodology (via TD), the contractor shall begin the data collection process specified in the approved evaluation methodology. The data collection will end in accordance with the schedule included in the evaluation methodology.

3-2 DISCUSSION OF DATA COMPILATION, ANALYSIS, AND PRESENTATION. In accordance with the evaluation methodology schedule, the contractor shall meet via conference call with the WA COR and other Agency staff to present and discuss approaches to and preliminary results of data compilation, analysis, and presentation of the information. Prior to this call and for discussion during the call, the contractor shall provide the WA COR with a briefing memo that outlines preliminary findings for each evaluation question, overall preliminary recommendations/conclusions.

### **Deliverables and Schedule Under Task 3**

3-2a	Discuss data compilation, analysis and	In accordance with Methodology Schedule
	presentation	approved in Task 2-7b
3-2b	Briefing memo of preliminary findings	In accordance with Methodology Schedule
		approved in Task 2-7b

### TASK 4: REPORTS

[Contract Scope of Work Element III, Section 1, para(s) 1, page(s) (10 -11)]

- 4-1 DRAFT BRIEFING WITH GRAPHICS. The contractor shall submit a briefing packaged that follows the final report outline. It shall cover the key points to be contained in each section of the report and should summarize the essence of the report before the report is written. The contractor shall present the draft briefing for discussion and comment to the evaluation team and key stakeholders via teleconference. For purposes of costing, the contractor shall assume that two separate draft briefings will be required.
- 4-2 DRAFT REPORT. In accordance with the evaluation methodology schedule, the contractor shall submit a draft report containing, the compilation, analysis, and presentation of information developed and gathered during the conduct of the evaluation. Specifically, the contractor shall include information obtained or developed in support of Tasks 2-1 through 3-2. For purposes of costing, the contractor shall assume that a sequence of a draft preliminary findings memorandum and two separate draft reports will be required.
- 4-3 FINAL REPORT. The contractor shall provide a final report that reflects appropriate consideration of the Agency's comments on the draft report and of any comments received during the oral presentations. The WA COR will provide the contractor with a copy of the ESD's Report Style Guidelines. These guidelines shall be used to write all components of the evaluation report. In addition, the contractor shall use the ESD Report Cover provided by the WA COR when preparing the final report.
- 4-3 EVALUATION RECOMMENDATION TAXONOMY FORM. The EPA will use this form to categorize each recommendation the contactor develops for the final report. The contractor shall complete the Evaluation Recommendation Taxonomy Form by providing each recommendation for the given evaluation, its proposed evaluation recommendation category, its direct environmental impact, and any additional comments the contractor may have. The list of the evaluation recommendation categories is located on the form for reference purposes. The WA COR will provide the contractor with a copy of the

Evaluation Recommendation Taxonomy Form. The contractor shall complete the taxonomy form 3 calendar days after the final report is completed.

- 4-4 ORAL PRESENTATIONS. The contractor shall be prepared to make at least one oral presentation of the information at a date, time, and location to be specified by the WA COR in a TD. The location will be in Region 1 or Washington, D.C. The contractor shall prepare appropriate briefing materials, specifically, a finalized power point briefing for the oral presentation.
- 4-5 FACTSHEET. The contractor shall develop a fact sheet summarizing the evaluation purpose, questions, methodology, results and recommendations. The WA COR will provide the contractor with a copy of a fact sheet template 7 calendar days after completion of the Final Report.

### **Deliverables and Schedule Under Task 4**

4-1	Draft briefing with graphics	In accordance with the evaluation methodology schedule approved by the COR in task 2-7b.
4-2	Draft report	In accordance with the evaluation methodology schedule approved by the COR in task 2-7b.
4-3	Final report	14 calendar days after receipt of comments on the draft report and oral presentations.
4-4	Evaluation Recommendation Taxonomy	3 calendar days after the final report is completed.
4-5	Oral presentation	To be scheduled by the WA COR
4-6	Fact Sheet	7 calendar days after completion of Final Report

Table 1: Summary of Deliverables and Dates						
Task	Deliverable	Due Date				
Task 1 Prep	pare Work plan					
1a	Work plan	Within 15 calendar days of receipt of work assignment				
1b	Revised work plan	Within 5 calendar days of receipt of comments from CO				
Task 2 Docu	ment Review and Design Methodo	blogy				
2-1a	Participate in conference calls	To be specified by the WA COR				
2-1b	Information summary	3 calendar days after call				
2-2	Review of Documents/Bibliography, summary of findings	7 calendar days after receipt of documents				
2-3	Scoping Memo	7 calendar days after receipt of TD				
2-4	Finalize Logic Model	7 calendar days after receipt of draft Logic Model from WA COR				
2-5a	Draft Refined Questions	7 calendar days after receipt of TD from WA COR				
2-5b	Final Refined Questions	7 calendar days after receipt of comments from WA COR via TD				
2-6a	Draft Report Outline	7 calendar days after receipt of TD from WA COR				
2-6b	Final Report Outline	7 calendar days after receipt of comments from WA COR via TD				
2-7a	Draft Methodology	21 calendar days after receipt of TD from WA COR				
2-7b	Final Methodology	7 calendar days after receipt of comments from WA COR				
2-8a	Draft Evaluation Assurance Plan	7 calendar days after WA COR approves final evaluation methodology				
2-8b	Final Evaluation Assurance Plan	3 days after receipt of comments from WA COR via TD				
Task 3 Inform	mation Gathering and Analysis					
3-2	Discussion of Data Compilation, Analysis and Presentation Plan	In accordance with Methodology Schedule approved in Task 2-7b				
Task 4 Repor	rt					
4-1	Draft briefing with graphics	In accordance with Methodology Schedule approved in Task 2-7b				
4-2	Draft Report	In accordance with Methodology Schedule approved in Task 2-7b				
4-3	Final Report	14 calendar days after receipt of comments on Draft Report from WA COR				
4-4	Evaluation Recommendation Taxonomy Form	3 calendar days after completion of the Final Report				
4-5	Oral Presentations	To be scheduled by the WA COR				
4-6	Fact Sheet	7 calendar days after completion of Final Report				

	United States Environ	United States Environmental Protection Agency			Work Assignment Number			
EPA		Washington, DC 20460				1-33		
LFA	Work A	Assignment			Other	X Amendm	nent Number:	
		•				000001		
Contract Number   Contract Period   11/19/2009   To   11/18/2014					Title of Work Assignment/SF Site Name			
EP-W-10-002	Base	Option Period Nur	mber 1		R1 Stormwater Eval			
Contractor	•		y Section and pa	-				
INDUSTRIAL ECONOMICS,	INCORPORATED	Pg.	10-1, El	lement 3	3, Sec. 1/Para 1			
Purpose: Work Assignment		Work Assignment C	Close-Out		Period of Performance			
X Work Assignment	Amendment	Incremental Fundin	ıg					
Work Plan Approv	ral				From 09/01/2011 To 11/18/2011			
Comments: The purpose of this amendme	nt to Work Assignment	1-33 is to apr	ooint Yvonr	ne Watson	as the Alternat	e Work Assia	nment	
Manager.	ire co work morganicire	. 1 33 15 CO app	901110 1 00111		ab che miccinat	.0011 110019	111110110	
Superfund	Ac	counting and Appro	priations Data	<u> </u>		Х	Non-Superfund	
	Note: To report additional	accounting and appropri	iations date use	EPA Form 190	0-69A.		Tron capenana	
SFO (Max 2)								
	propriation Budget Org/Code de (Max 6) (Max 7)	Program Element (Max 9)	Object Class (Max 4)	Amount (De	ollars) (Cents)	Site/Project (Max 8)	Cost Org/Code (Max 7)	
1								
2					•			
3					•			
4					•			
5					•			
	Aı	uthorized Work Assi	gnment Ceilin	ng		•	1	
Contract Period:	Cost/Fee:			LOE:				
11/19/2009 To 11/18/20 This Action:	14						-	
This Action:								
							-	
Total:	· · ·	/ork Plan / Cost Esti	mate Annrova	ale				
Contractor WP Dated:	Cost/Fee:	ont lany cool Lon	тако другото	LQE:				
Cumulative Approved:	Cost/Fee:			LOE:				
Work Assignment Manager Name Carl	Koch			Broz	Branch/Mail Code:			
Work Assignment Manager Manie Call	roen			<u> </u>	Phone Number 202-566-2972			
(Signature)		(Date	1	275 (0.0557)	FAX Number:			
Project Officer Name Cathy Turns	er	(Date)	/	10 000	Branch/Mail Code:			
					Phone Number: 202-566-0951			
					FAX Number:			
Other Agency Official Name			31	Brar	Branch/Mail Code:			
					Phone Number:			
(Signature)		(Date	)		FAX Number:			
Contracting Official Name Jami Ro	dgers			Brar	Branch/Mail Code:			
				Pho	Phone Number: 202-564-4781			
(Signature)		(Date	)		Number:			

	United States Environmental Protection Agency Washington, DC 20460			Work Assignment Number 1-33				
EPA		Work Assignment			Other Amendment Number:			
	WORA	Work Assignment				Amendment Number.		
Contract Number	Contract Period 11,	/19/2009 To	11/18/2	2014	Title of Work Assign	ment/SF Site Nan	ne	
EP-W-10-002	Base	Option Period Nu	mber :		Rl Stormwater Eval.			
Contractor	•	Specify	y Section and par	agraph of Cor	tract SOW			
INDUSTRIAL ECONOMICS, I	NCORPORATED	Pg.	10-11, e	Iment 3	ent 3, Sec. 1/Para 1			
Purpose Work Assignment		Work Assignment C	Vork Assignment Close-Out Period of Performance					
Work Assignment An	nendment	Incremental Fundin	g					
X Work Plan Approval					From 09/01/2011 To 11/18/2011			
The purpose of this action un	Comments:  The purpose of this action under Work Assignment 1-33 is to approve the Contractor's work plan and cost estimate dated October 28, 2011 for 124.5 hours level of effort, (b)(4) in costs, (b)(4) in fee with a certain of \$15,478.57.							
Superfund	Acc	ounting and Appro	priations Data			[X]	Non-Supertund	
sfo T	Note: 30 report additional ad	scounting and appropri	iations date use E	EPA Form 190	0-59A.	-		
(Max 2)								
	priation Budget Org/Code (Max 6) (Max 7)	Program Element (Max 9)	Object Class (Max 4)	Amount (D:	ollars) (Cents)	Site/Project (Max 5)	Cost Org/Code (Max 7)	
1					*		T	
2					•		_	
3								
4								
5					•			
	Aut	horized Work Assi	gnment Ceiling	9				
Contract Period: 11/19/2009 To 11/18/2014	CostFee: \$0.00			LOE:				
This Action:	\$16,478.6	7						
							-	
Total <sup>-</sup>	\$16,478.67							
		rk Plan / Cost Esti	mate Approva			"		
Contractor WP Dated: 10/28/2011		16,478.67			125			
Cumulative Approved:	Cost/Fee: §	C6,478.67		LOE:	125			
Work Assignment Manager Name Cari	Koch			Bran	Branch/Mail Code:			
				Pho	ne Number 202-	566-2972		
(Signature)		(Date	Ų.	FAX	FAX Number:			
Project Officer Name Cathy Turner				Branch/Mail Code:				
				Pho	Phone Number: 202-566-0951			
(Signature)		(Date	)	-	Number:			
Other Agency Official Name				0	ich/Mail Code:		,	
<u></u>			<del></del>		ne Number:	· ··-		
(Signature) (Date)				9. 1. 1.1.	FAX Number:			
Contracting Official Name Sami Rodgers					Branch/Mail Code:  Phone Number: 202+564-4781			
(Am)	18 rd Com	<u> </u>	<u> </u>		ne Number: 202-	-564-4781		
/Rinnalumit		(Oe.	a v	I ⊢∆Y	INTIMPET:			

Work Assignment Form (WebForms v1.0)